

# Triggers

## New York/Boston

**What works well – best practices**

**What are the challenges – identified gaps**

**Potential solutions/actions**



# Triggers

## New York/Boston

### Common Triggers

- **Weather**
- **Equipment**
- **Extended Airborne Holding**
- **TFRs**
- **Lengthy EFCs**
- **Combination of Events**



# Triggers

## New York/Boston

### Other Triggers

- **Mishaps (pavement failure, blown tire, unavailable resources, etc.)**
- **Airport Throughput (deicing capability)**
- **VIP Movements**
- **Airspace Constraints (military activity)**
- **Terrorism/Security**



# Triggers

## New York/Boston

### Other Triggers

- **ATC Zero**
- **Limited Approach Procedures**
- **Un-forecasted Weather**
- **Passenger Medical Issues**
- **Aircraft Mechanical**



# Triggers

## New York/Boston

### Tools

- **NWS Dashboard Long Range Winter Forecast – broad range, any weather hazards**
- **FAA OPSNET**



# Triggers

## New York/Boston

### Actions Required:

- **Airlines AOC blast email to airports in their area of potential for diversions (ex. DAL)**
- **When ATC is aware of a diversion, advise the airport and TSA if an international flight**
- **Notification via social media such as Twitter, text messaging**



# Triggers

## New York/Boston

### Actions Required:

- **ATCSCC – schedule special planning telcons, activate the diversion recovery page (ex. When thunderstorms will pass over the airport)**
- **Identify a mechanism to track diversions such as Flight Explorer**



# Triggers

## New York/Boston

### Actions Required:

- **Review DEN actions during a diversion event – they often cancel the requirement for notification**
- **How do we get a common awareness of diversions from Airlines to ARTCCs, ATCSCC, etc? Could use the TCA page, email, diversion recovery page. We should be able to automate the process.**



# Triggers

## New York/Boston

### Actions Required:

- **Set up a trigger mechanism with parameters such as when 3 or more airplanes are diverting to an airport – an alert would be generated and disseminated. The ATCSCC could then open a hotline and send an advisory. Airport operators, airlines and FAA would then be aware. Use tools such as PASSUR OPSNET**



# Triggers

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### Actions Required:

- **Identify how diversions can be avoided. For example, today ZBW advises N90 about possible diversion and N90 can take action to avoid the diversions**

